

Escuela Avancemos Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of Escuela Avancemos, 3811 Cicotte, Detroit MI., on May 20th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Abdul Saad on May 11^{th} , 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist

Monica Starks, CIEC

Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 355447 5/27/2016

Customer:

G. S. Group

Monica Starks 17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Escuela Avancemos, DC-01-GBF-01-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Standard	Units	LRL	Level	DF	Date/Time	Date	Date/Time
				Detected		Sampled	Prepped	Analyzed
								, unijeuu
		Inorgai	nic Anah	/tes - Metals				

These test results may be used for compliance purpose as required.

Analyst Tests
EC 200.8

James Abston, Operations Manager

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Page

1 of 1

355447

Lead Only

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556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 355448 5/27/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Escuela Avancemos, DC-01-GBF-01-F

Source City: Detroit

Source State:MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed	
1030 Lead	200.8 0.015	Inorganic Anal	ytes - Metals 0.001	1 5/20/2016 08:2		5/25/2016	.00000 946000

These test results may be used for compliance purpose as required.

Analyst Tests
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James Abston, Operations Manager

1

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556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 355449 5/27/2016

Customer:

G. S. Group

Monica Starks 17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Escuela Avancemos, DC-01-WF-02-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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Report Notes:

Fed Id # Contaminant	Method Standard	Units L	RL Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
1030 Lead	200.8 0.015		Analytes - Metals 001 0.001	1	5/20/2016 08::	29	5/25/2016

These test results may be used for compliance purpose as required.

Analyst Tests EC 200.8

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ANALYTICAL REPORTS

SAMPLE CODE: 355450 5/27/2016

Customer:

G. S. Group

Monica Starks 17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Escuela Avancemos, DC-01-WF-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

ivi. Elle

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Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed	
Inorganic Analytes - Metals 1030 Lead 200.8 0.015 mg/l 0.001 1 Francis 00.00 Francis							
1030 FeSG	200.8 0.015	mg/L 0.001	0.001	1 5/20 / 2016 08:2	9	5/25/2016	

These test results may be used for compliance purpose as required.

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ANALYTICAL REPORTS

SAMPLE CODE: 355451 5/27/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Escuela Avancemos, DC-02-KC-03-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

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Report Notes:

Detected Sampled Prepped Analyzed Inorganic Analytes - Metals	Fed Id # Contaminant	Method Standard	Units	LRL	Level	DF	Date/Time	Date	Date/Time
Inorganic Analytes - Metals					Detected		Sampled	Prepped	Analyzed
			Inorga	nic Anal	ytes - Metals				

These test results may be used for compliance purpose as required.

Analyst Tests
EC 200.8

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556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 355452 5/27/2016

Customer:

G. S. Group

Monica Starks 17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Escuela Avancemos, DC-02-KC-03-F

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

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Report Notes:

Fed Id # Contaminant	Method Standard	Units	LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
1030 Lead	200.8 0.015	Inorga mg/L	nic Analy	ytes - Metals 0.001	1 5/20/2016 08:2	9	5/25/2016

These test results may be used for compliance purpose as required.

Analyst Tests
EC 200.8

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

Cold To.	TSR: EF	
Sold To: G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave Detroit	MI 48203	Payment \$:
Detroit	1911 10200	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5 / 20 / 16	?	·
	Please Use Military Time, e.g. 3:00pm = 15:00	
Check Time Zone: LEST CST	r ☐ MST ☐ PST	
Client Name: EScue	19 Avancemos	
Phone Number: 313-7	90-9105	
Fax Number:	0.00000000000000000000000000000000000	
PWS ID# (if applicable):	N/A	State Forms:
Sample ID or Source: Dc_	01-GBF-01-P	Lab Sample Information;
Source Type: Spring V	Vell Municipal Surface	Date Received: MAY 2 0 2016
Other:		Time Received: 14:25
City & State: Detroi	offerent than Above)	Received By:
Sample Collected By:	(Signature)	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Tichay Effects (Please Print)	
Form Completed By:	lichal Etters	
Additional Comments: Sa	upled at this School	of this is location #1,
First draw.		

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

Sample Number:

355448

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF Sold To: For Laboratory Use ONLY G. S. Group Monica Starks Lab Accounting Information: 17800 Woodward Ave Payment \$: MI 48203 Detroit Check #:_ Lab Comments/Special Instructions: Date Sampled : 5, 20, 16 Time Sampled: 6:29 Please Use Military Time, e.g. 3.00pm = 15:00 Check Time Zone: DEST CST MST PST Client Name: ESCVE 12 Avancemos Phone Number: 313-790-9105 Fax Number: State Forms: PWS ID# (if applicable): Sample ID or Source: 1) Lab Sample Information 9 0 2016 Municipal ☐ Surface Date Received: Other. Time Received: 14 City & State: Received By:_ Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted Sample Collected By on PSA form. Sample Collected By: Form Completed By:

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

Lead Only

Sample Number:

|||355449

Sample Paid: No

Product:

Payment Method:

·	TSR: EF	
Sold To: G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave Detroit	MI 48203	Payment \$:
Dollon		Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5 /20 / 16		
, " '	Please Use Military Time, e.g. 3.00pm = 15:00	
Check Time Zone: ☐ CST ☐ CST		
Client Name: EScusla	Avancemos	
Phone Number: 313-79	0-9105	
Fax Number:	ana ang ang ang ang ang ang ang ang ang	
PWS ID# (if applicable):	N/k	State Forms:
Sample ID or Source: Dc.	-01-WF-02-P	Lab Sample Information:
Source Type: Spring V	Vell Municipal Surface	Date Received: MAY 2 0 2016
Other:		Time Received: 14:25
City & State: Detro	t Mî. ifferent than Above)	Received By:
Sample Collected By:	(Signature)	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Tichal Etus (Please Print)	
Form Completed By:	highal Brus	
Additional Comments:	andled at this Sc	Lool, this is location # 2,
First draw.		

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

	15K: EF	
Sold To: G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave	MI 48203	Payment \$:
Detroit	WII 402U3	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5/20/	<u>16</u>	
	Please Use Military Time, e.g 3:00pm = 15.00	
Check Time Zone: LEST	CST MST PST	
Client Name: 68CV4	la Avancemos	
Phone Number: \$13-7	790-9105	
Fax Number:		
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Other:		Time Received: 14 : 25
City & State:	(If Different than Above)	Received By: BF
Sample Collected By:	middle	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	(Signature) Michal Effects (Please Print)	
Form Completed By:	Michal Etters	
Additional Comments	Sampled at this School	901. This is location # Z
Flikh Small		
-1 1/24 Comply	4	

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

Sold To:		For Laboratory Use ONLY
G. S. Group		
Monica Starks 17800 Woodward Ave		Lab Accounting Information:
Detroit Ave	MI 48203	Payment \$:
		Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5 / 20 / 16	•	
Time Sampled: 8:29	Please Use Military Time, e.g 3.00pm = 15:00	
Check Time Zone: LEST CS		
Client Name: ESCue	la Avoucemos	
Phone Number: 313 - 79	0-9105	
Fax Number:	unit des la companya de la companya	
PWS ID# (if applicable):	A COMPANIA CONTRACTOR	State Forms:
Sample ID or Source:	-02-KC-03-P	Lab Sample Information 2 0 2016
Source Type: Spring	Well Municipal Surface	Date Received:/
Other:		Time Received: 14:25
City & State: Detn	Different than Above)	Received By: BE
Sample Collected By:	MCDA (Signature)	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Ticha Etters (Please Print)	
Form Completed By:	Tichal Esters	
Additional Comments: 3 10Cts 10n 5 36	impled at this Sch	pol, this is location #3,
First draw.		

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

Sample Number:

2077502

Order Date:

05/16/2016

355452

Product:

Lead Only

Sample Paid: No

Payment Method:

TOD. EF

	15K: EF	
Sold To: G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave	MI 48203	Payment \$:
Detroit	1911 40200	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5/20/		
	Please Use Military Time, e g 3 00pm = 15.00	
Check Time Zone: DEST		
Client Name: ESCVA	rla Avancemos	
Phone Number: 313.	-790-9105	
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	C-02-KC-03-F	Lab Sample Informational S 0 2016
Source Type: Spring	☐ Well ☑ Municipal ☐ Surface	Date Received:/
Other:		Time Received: 14:25
City & State: D	(If Different than Above)	Received By: DF
Sample Collected By:	MIDA (Signature)	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Michael Effers (Please Print)	
Form Completed By:	Michael Etters	
Additional Comments:	Sall of the color	of this is location # 3,
O locations	Sampled at this School	1 1012 13 WINTER SC)
TIUSH Dampl	<u>L</u>	